

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for delivering a message to a receiving party, comprising:
receiving a message and one or more message attachments intended for the receiving party, the message being received in a source message format and the one or more message attachments being received in a source attachment format;
determining whether the message should be delivered to the receiving party;
translating the message from [[a]] the source message format to message text, wherein the translating includes translating and the one or more message attachments from the source attachment format into attachment text;
converting the message text and the attachment text to an audible message when the message should be delivered to the receiving party;
determining a date or time at which the audible message should be delivered;
initiating a telephony call to the receiving party at the determined date or time; and
delivering the audible message to the receiving party during the telephony call.

2. (previously presented) The method of claim 1, further comprising:
obtaining user profile data that identifies at least one criterion regarding a date or time at which messages should be delivered to the receiving party.

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

3. (previously presented) The method of claim 2, wherein the user profile data includes data identifying at least one of a message source, a message type, a message priority, or a message content.

4. (original) The method of claim 2, wherein the determining whether the message should be delivered includes:

testing the message against the user profile data, and
determining that the message should be delivered when the message passes the test.

5. (original) The method of claim 1, wherein the receiving a message includes:
monitoring a message server for arrival of new messages intended for the receiving party.

6. (original) The method of claim 5, wherein the monitoring a message server includes:
periodically checking the message server for new messages.

7. (original) The method of claim 5, wherein the monitoring a message server includes:
receiving a notification from the message server whenever a new message arrives.

8. (canceled)

9. (previously presented) The method of claim 1, wherein the converting the message text includes:

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

translating the message text into an audible message using a text-to-speech translator.

10. (currently amended) The method of claim 1, wherein the converting the message text includes:

creating an envelope from at least one of a From, To, Subject, or Date header fields field corresponding to the message.

11. (previously presented) The method of claim 10, wherein the converting the message text includes:

translating the message text and the envelope into an audible message.

12. (canceled)

13. (canceled)

14. (currently amended) The method of claim 1, wherein the translating the one or more message attachments includes:

generating a description of the one or more message attachments when the one or more message attachments are not convertible from the source attachment format into the attachment text.

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

15. (previously presented) The method of claim 14, wherein the converting the message text includes:

translating the message text and the generated description into an audible message.

16. (original) The method of claim 1, wherein the initiating a telephony call includes: determining whether the telephony call reaches the receiving party, and retrying the telephony call a predetermined number of times if the telephony call fails to reach the receiving party.

17. (original) The method of claim 1, wherein the initiating a telephony call includes: determining whether the telephony call reaches the receiving party, and initiating a second telephony call to an alternate telephone number if the telephony call fails to reach the receiving party.

18. (previously presented) The method of claim 1, wherein the delivering the audible message includes:

authenticating the receiving party based on at least one of a user identifier, a personal identification number, or a password, and transmitting the audible message to the receiving party after successful authentication of the receiving party.

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

19. (currently amended) A system for presenting a message to a receiving party, comprising:

means for obtaining a user profile corresponding to the receiving party, the user profile comprising delivery data that specifies a time or date of message delivery;

means for obtaining a message and one or more message attachments intended for the receiving party, the message being obtained in a source message format and the one or more message attachments being obtained in a source attachment format;

means for testing the message against the user profile;

means for translating the message from [[a]] the source message format to message text, wherein the translating includes translating and the one or more message attachments from the source attachment format into attachment text;

means for converting the message text and the attachment text to an audible message when the message passes the test;

means for initiating a telephony call to the receiving party based on the delivery data; and

means for presenting the audible message to the receiving party during the telephony call.

20. (currently amended) A message delivery system, comprising:

a message receiver configured to:

obtain a message with one or more message attachments intended for a receiving party, the message being obtained in a source message format and the one or more message attachments being obtained in a source attachment format,

determine whether the message should be delivered to the receiving party, [[and]]

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

convert the message from [[a]] the source message format to a target format when the message should be delivered to the receiving party, and [[;]]

translate convert the one or more message attachments from the source attachment format into the target format attachment text when converting the message;
a call processor configured to:

convert the message from the target format to an audible format,
initiate a telephony call to the receiving party at a time specified by the receiving party, and
deliver the message in the audible format to the receiving party during the telephony call.

21. (original) The system of claim 20, wherein the target format is a text format.

22. (previously presented) The system of claim 20, further comprising:
a service setup device configured to obtain user profile data that identifies at least one criterion indicating a time at which messages should be delivered to the receiving party.

23. (previously presented) The system of claim 22, wherein the user profile data includes data identifying at least one of a message source, a message type, a message priority, or a message content.

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

24. (original) The system of claim 22, wherein when determining whether the message should be delivered, the message receiver is configured to:

test the message against the user profile data, and

determine that the message should be delivered when the message passes the test.

25. (original) The system of claim 20, wherein when obtaining a message, the message receiver is configured to:

monitor a message server for arrival of new messages intended for the receiving party.

26. (original) The system of claim 25, wherein when monitoring a message server, the message receiver is configured to:

periodically check the message server for new messages.

27. (original) The system of claim 25, wherein when monitoring a message server, the message receiver is configured to:

receive a notification from the message server whenever a new message arrives.

28. (previously presented) The system of claim 20, wherein when converting the message, the message receiver is configured to:

create an envelope from at least one of a From, To, Subject, or Date header field corresponding to the message.

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

29. (original) The system of claim 28, wherein when converting the message, the call processor is configured to:
translate the envelope into the audible format.

30. (canceled)

31. (currently amended) The system of claim 20, wherein when converting the message, the call processor is configured to:
translate the attachment text one or more message attachments from the target format into the audible format.

32. (currently amended) The system of claim 20, wherein when converting the one or more message attachments, the message receiver is configured to:

generate a description of the one or more message attachments when the one or more message attachments are not convertible into the target format.

33. (original) The system of claim 32, wherein when converting the message, the call processor is configured to:
translate the generated description into the audible format.

34. (original) The system of claim 20, wherein when initiating a telephony call, the call processor is configured to:

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

determine whether the telephony call fails, and
retry the telephony call a predetermined number of times if the telephony call fails.

35. (original) The system of claim 20, wherein when initiating a telephony call, the call processor is configured to:

determine whether the telephony call reaches the receiving party, and
initiate a second telephony call to an alternate telephone number if the telephony call fails to reach the receiving party.

36. (previously presented) The system of claim 20, wherein when delivering the message, the call processor is configured to:

authenticate the receiving party based on at least one of a user identifier, a personal identification number, or a password, and
transmit the message in the audible format to the receiving party after successful authentication of the receiving party.

37. (currently amended) A computer-readable medium that stores instructions executable by at least one computer to perform a method for presenting a message to a receiving party, comprising:

instructions for obtaining a message intended for the receiving party, the message including one or more message attachments;

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

instructions for determining whether the one or more message attachments are convertible into a target format;

instructions for translating the one or more message attachments into attachment text the target format when the one or more message attachments are convertible into the target format;

instructions for generating a description of the one or more message attachments when the one or more message attachments are not convertible into the target format;

instructions for initiating a voice call to the receiving party at a predetermined date and time identified by the receiving party; and

instructions for presenting the message with the one or more attachments or the generated description to the receiving party during the voice call.

38. (original) The computer-readable medium of claim 37, wherein the instructions for obtaining a message includes:

instructions for interacting with a message server to obtain the message.

39. (previously presented) The computer-readable medium of claim 37, further comprising:

instructions for interacting with the receiving party to generate a user profile that describes at least one criterion indicating when messages should be delivered to the receiving party.

40. (original) The computer-readable medium of claim 37, further comprising:

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

instructions for converting the message from a source format to an audible format.

41. (previously presented) The computer-readable medium of claim 40, wherein the instructions for converting the message includes:

instructions for translating the message from the source format to the target format, and
instructions for translating the message from the target format to the audible format.

42. (currently amended) A method for providing enhanced message services, comprising:

prior to monitoring messages, interacting with a user to generate a user profile that identifies at least one message criterion that indicates when the messages should be delivered to the user;

monitoring a message server for arrival of new messages intended for the user;
processing the new messages, including:

determining whether the new messages should be delivered to the user based on the user profile,

translating the new messages from a source format to a text format, and
converting the new messages from the text format to an audible format, as audible messages, when the new messages should be delivered to the user; and
delivering the audible messages to the user based on the at least one message criterion,

including:

initiating a telephony call to the user; and

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

presenting the audible messages to the user during the telephony call.

43. (original) The method of claim 42, wherein the interacting with a user includes:
receiving user identification and password data from the user, and
validating the user identification and password data with the message server.

44. (original) The method of claim 43, wherein the validating the user identification and password data includes:

attempting to logon to the message server using the user identification and password data,
and
determining whether the logon is successful.

45. (previously presented) The method of claim 42, wherein the at least one message criterion includes at least one of a message source, a message type, a message priority, or a message content.

46. (original) The method of claim 42, wherein the monitoring a message server includes:

periodically checking the message server for new messages.

47. (original) The method of claim 42, wherein the monitoring a message server includes:

PATENT
Application Serial No. 10/016,551
Docket No. 01-8007RCE1

receiving a notification from the message server whenever a new message arrives.

48. (currently amended) An automated method for delivering a message to a receiving party, comprising:

receiving a message intended for the receiving party, the message including a message portion and one or more attachments in a source format;

determining whether the one or more attachments can be converted to a target format;

translating the one or more attachments into ~~attachment text~~ the target format when the one or more attachments can be converted to the target format;

generating a description of the one or more attachments when the one or more attachments cannot be converted to the target format;

converting the message portion to an audible message;

initiating a telephony call to a telephony device associated with the receiving party at a pre-determined date and time; and

delivering the audible message and the one or more attachments or the generated description to the receiving party during the telephony call.

49. (previously presented) The method of claim 48, wherein the telephony device includes one of a wireline or wireless communication device.